

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Martyn Pritchard et al.
Serial No. : 10/598,520
Filed : September 1, 2006
Title : THERAPEUTIC COMPOUNDS

Art Unit : Unknown
Examiner : Unknown
Conf. No. : 6818

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request. A copy of a communication from a foreign patent office in a PCT application PCT/GB2005/000800 is also enclosed.

The Examiner's attention is brought to U.S. Applications Serial No. 10/547,454, filed June 28, 2006, Serial No. 10/547,455, filed July 26, 2006, Serial No. 10/547,462, filed October 26, 2006, and Serial No. 10/537,564, filed August 28, 2006.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits.

Please apply any charges to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Aug 1, 2007



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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13425-200US1	Application No. 10/598,520
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Martyn Pritchard et al.		
		Filing Date September 1, 2006	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	3,936,439	02/03/1976	Marumoto, et al.			
	AB	4,225,591	09/30/1980	Marumoto, et al.			
	AC	4,255,565	03/10/1981	Marumoto, et al.			
	AD	4,705,758	11/10/1987	Brunns			
	AE	5,677,290	10/14/1997	Fukunaga et al.			
	AF	5,679,650	10/21/1997	Fukunaga et al.			
	AG	5,877,180	03/02/1999	Linden, et al.			
	AH	5,942,497	08/24/1999	Fukunaga et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AI	AU 49412/72	05/30/1974	Australia			
	AJ	DE 2258378	06/14/1973	Germany			Corresponding to AU 49412/72
	AK	FR 2162128	07/13/1973	France			Corresponding to AU 49412/72
	AL	WO 199638728	12/05/1996	WIPO			
	AM	WO 199934804	07/15/1999	WIPO			
	AN	WO 2004079329	09/16/2004	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	"Aldrich Handbook of Fine Chemicals and Laboratory Equipment," 1015-1016, (2000); XP002366927.
	AP	Askalan, R. et al., "Role of Histidine Residues in the Adenosine A2A Receptor Ligand Binding Site," <i>Journal of Neurochemistry</i> , 63(4):1477-84, (1994); XP001196996.
	AQ	Bartlett, R. et al., "Synthesis and Pharmacological Evaluation of a Series of Analogues of 1-Methylisoguanosine," <i>Journal of Medicinal Chemistry</i> , 24:947-54, (1981); XP02225573.
	AR	Belardinelli, L. & Isenberg, G., "Isolated Atrial Myocytes: Adenosine and Acetylcholine Increase Potassium Conductance," <i>The American Journal of Physiology</i> , 224:H734-H737, (1983).
	AS	Belfrage, M. et al., "The Safety and Efficacy of Intrathecal Adenosine in Patients with Chronic Neuropathic Pain," <i>Anesthesia and Analgesia</i> , 89(1):136-42, (1999); XP009027670.

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	AT	Bhakuni, D., "Biological Activity of Marine Nucleosides and their Analogues," <i>Proceedings of the Indian National Science Academy. Part B Biological Sciences</i> , 65(Part 2):97-112, (1995); XP001165752.
	AU	Bressi, J. et. al., "Adenosine Analogues as Inhibitors of Trypanosoma Brucei Phosphoglycerate Kinase: Elucidation of a Novel Binding Mode for a 2-Amino-N6-Substituted Adenosine," <i>Journal of Medicinal Chemistry</i> , 43(22):4135-50, (2000); XP000999137.
	AV	Collins, S. et al., "The Effect of GR190178, a Selective Low-Efficacy Adenosine A1 Receptor Agonist, on the Treatment of Neuropathic Hyperalgesia in the Rat," <i>British Journal of Pharmacology</i> , 133(Proceedings Supplement):48p (2001), Proceedings of the British Pharmacological Society Meeting, (Dec. 18-21, 2000); XP009027671.
	AW	Daly, J. et al., "Structure-Activity Relationships for N6-Substituted Adenosines at a Brain A1-Adenosine Receptor with a Comparison to an A2-Adenosine Receptor Regulating Coronary Blood Flow," <i>Biochemical Pharmacology</i> , 35(15):2467-81 (1986) XP009010090
	AX	Dan, K., "Nerve Block Therapy and Postherpetic Neuralgia," <i>Critical Reviews in Physical and Rehabilitation Medicine</i> , 7(2):93-112 (1995) Embase Database Accession No. EMB-1995373280. XP002273335
	AY	De Zwart, M. et al., "5'-N-Substituted Carboxamidoadenosines as Agonists for Adenosine Receptors," <i>Journal of Medicinal Chemistry</i> , 42(8): 1384-92 (1999) XP001002032
	AZ	Deghati, P. et al., "Regioselective Nitration of Purine Nucleosides: Synthesis of 2-Nitroadenosine and 2-Nitroinosine," <i>Tetrahedron Letters</i> , 41(8):1291-5 (2000) XP004188609
	AAA	Feoktistov, I. et al., "Adenosine A2B Receptors: A Novel Therapeutic Target in Asthma?," <i>Trends in Pharmacological Sciences</i> , 19(4):148-53 (1998) XP002287445
	ABB	Fishman, P. et al., "A3 Adenosine Receptor as a Target for Cancer Therapy," <i>Anti-Cancer Drugs</i> , 13(5):437-43 (2002) XP009024520
	ACC	Hiley, C. et al., "Effects of pH on Responses to Adenosine, CGS 21680, Carbachol and Nitroprusside in the Isolated Perfused Superior Mesenteric Arterial Bed of the Rat," <i>British Journal of Pharmacology</i> , 116(6):2641-6 (1995) XP008032448
	ADD	Jiang, Q. et al., "Mutagenesis Reveals Structure-Activity Parallels Between Human A2A Adenosine Receptors and Biogenic Amine G Protein-Coupled Receptors," <i>Journal of Medicinal Chemistry</i> , 40(16):2588-95 (1997) XP002287314
	AEE	Kaul, P. et al., "Adenosine Agonist of Marine Origin Indicative of Two Types of Adenosinergic Receptors," <i>Pharmacologist</i> , 23(3):540 (1981) XP009027638
	AFF	Keeling, S. et al., "The Discovery and Synthesis of Highly Potent, A2a Receptor Agonists," <i>Bioorganic and Medicinal Chemistry Letters</i> , 10(4):403-6 (2000) XP004189943
	AGG	Kirk, I. et al., "Further Characterization of [3H]-CGS 21680 Binding Sites in the Rat Striatum and Cortex," <i>British Journal of Pharmacology</i> , 114(2):537-43 (1995) XP008032472
	AHH	Klitgaard, H. et al., "Contrasting Effects of Adenosine A ₁ and A ₂ Receptor Ligands in Different Chemoconclusive Rodent Models," <i>European Journal of Pharmacology</i> , 242:221-8 (1993)
	AII	Knabb, R. et al., "Consistent Parallel Relationships Among Myocardial Oxygen Consumption, Coronary Blood Flow, and Pericardial Infusate Adenosine Concentration with Various Interventions and Beta-Blockade in the Dog," <i>Circulation Research</i> , 53:33-41 (1983)
	AJJ	König, G., "Meeresorganismen als Quelle Pharmazeutisch Bedeutsamer Naturstoffe," <i>Deutsche Apotheker Zeitung</i> , 132(14):673-83 (1992) XP002255617

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		Filing Date September 1, 2006	Group Art Unit Unknown	

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AKK	Makujina, S. et al., "Structure-Activity Relationship of 2-(ar) Alkoxyadenosines at the Adenosine A ₂ Receptor in Coronary Artery," <i>European Journal of Pharmacology</i> , 243:35-8 (1993)
	ALL	Marumoto, R. et al. "Synthesis and Coronary Vasodilating Activity of 2-Substituted Adenosines," <i>Chemical and Pharmaceutical Bulletin</i> , 23(4):759-74 (1975) XP002154408
	AMM	Matova, M. et al. "QSAR Analysis of 2-Alkyloxy and 2-Aralkyloxy Adenosine A1- and A2-Agonists," <i>European Journal of Medicinal Chemistry</i> , 32(6):505-13 (1997) XP004088461
	ANN	Matsuda et al., Nucleosides and Nucleotides. XXVII. Synthesis of 2- and 8-Cyanoadenosines and their Derivatives," <i>Chemical and Pharmaceutical Bulletin</i> , 27(1):183-92 (1979) XP002127436
	AOO	Matsuda, A. et al., "Nucleosides and Nucleotides. 103. 2-Alkyladenosines: a Novel Class of Selective Adenosine A2 Receptor Agonists with Potent Antihypertensive Effects," <i>Journal of Medicinal Chemistry</i> , 35:241-52 (1992) XP002170995
	APP	Miles, R. et al., "Nucleic Acid Related Compounds," <i>Journal of the American Chemical Society</i> , 117:5951-7 (1995) XP002366161
	AQQ	Nair, V. et al., "Novel, Stable Cogeners of the Antiretroviral Compound 2', 3'-Dideoxyadenosine," <i>Journal of the American Chemical Society</i> , 111(22):8502-4 (1989) XP001105896
	ARR	Ojha, L. et al., "A Simple Method for Synthesis of Spongiosine, Azaspóngosine, and their Antiplatelet Effects," <i>Nucleosides and Nucleotides</i> , 14(9-10):1889-1900 (1995) XP009027643
	ASS	Okusa, M., "A2A Adenosine Receptor: A Novel Therapeutic Target in Renal Disease," <i>American Journal of Physiology</i> , 282(1 Part 2):F10-F18 (2002) XP002287448
	ATT	Rieger, J.M. et al., "Design, Synthesis, and Evaluation of Novel A2A Adenosine Receptor Agonists," <i>Journal of Medicinal Chemistry</i> , 44:531-9 (2001) XP002222174
	AUU	Ribeiro, J. et al., "Adenosine Receptors in the Nervous System: Pathophysiological Implications," <i>Progress in Neurobiology</i> , 68(6):377-92 (2002) XP002287447
	AVV	Sawynok, J. "Adenosine Receptor Activation and Nociception," <i>European Journal of Pharmacology</i> , 317(1):1-11 (1998) XP002273334
	AWW	Schaeffer, H. et al., "Synthesis of Potential Anticancer Agents. XIV. Ribosides of 2, 6-Disubstituted Purines," <i>Journal of the American Chemical Society</i> , 80:3738-42 (1958) XP002300926
	AXX	Smith, J. et al., "The Effects of Reduced pH on A2B Adenosine Receptor-Evoked Cyclic AMP Generation in the Guinea-Pig Cerebral Cortex," <i>British Journal of Pharmacology</i> , 123 (Proc. Suppl.): 195p (1998). Meeting of the British Pharmacological Society Held Jointly with the Dutch Pharmacological Society (Dec. 10-12, 1997) XP008032489
	AYY	Sullivan, G. et al., "Role of A2A Adenosine Receptors in Inflammation," <i>Drug Development Research</i> , 45(3/4):103-12 (1998) XP000978332
	AZZ	Ueeda, M. et al., "2-Alkoxyadenosines: Potent and Selective Agonists at the Coronary Artery A2 Adenosine Receptor," <i>Journal of Medicinal Chemistry</i> , 34:1334-1339 (1991) XP002225574
	AAAA	Ueeda, M. et al., "2-Aralkoxyadenosines: Potent and Selective Agonists at the Coronary Artery A2 Adenosine Receptor," <i>Journal of Medicinal Chemistry</i> , 34(4):1340-1344 (1991) XP004088461
	ABBB	Ueeda, M. et al., "Cardiovascular Actions of Adenosines, but not Adenosine Receptors, Differ in Rat and Guinea Pig," <i>Life Sciences</i> , 49:1351-8 (1991)
	ACCC	Umino, T. et al., "Nucleosides and Nucleotides. 200. Reinvestigation of 5'-N-Ethylcarboxamidoadenosine Derivatives: Structure-Activity Relationships for P(3) Purinoceptor-Like Proteins," <i>Journal of Medicinal Chemistry</i> , 44:208-14 (2001) XP002366162

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	ADDD	Vittori, S. et al., "2-Alkenyl and 2-Alkyl Derivatives of Adenosine and Adenosine-5'-N-Ethyluronamide: Different Affinity and Selectivity of E- and Z-Diastereomers at A2A Adenosine Receptors," <i>Journal of Medicinal Chemistry</i> , 39:4211-7 (1996) XP002366163
	AEEE	Copy of International Preliminary Report on Patentability for Application No. PCT/GB2005/00080, by Examiner Arjan de Nooy, dated November 10, 2006.
	AFFF	Copy of International Search Report for PCT/GB2005/00080, by Examiner Arjan de Nooy, dated February 9, 2006.

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